

Abstracts

Periodic Frequency Response SAW Filters for a Tree Approach to Many-Tone Frequency Synthesis

A.J. Slobodnik, Jr. and K.R. Laker. "Periodic Frequency Response SAW Filters for a Tree Approach to Many-Tone Frequency Synthesis." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 300-302.

A tree configuration using periodic-in-frequency SAW filters plus diode switches to achieve many-tone frequency synthesis is proposed. Design procedures are outlined for independent specification of center frequency and periodicity and limited-resonance periodic filters.

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